

Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. 930007-2179	SERIAL NO. 09/923,936
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Eric Romanski et al.	
		FILING DATE August 7, 2001	GROUP 3765

OTPE
JC100
AUG 19 2002
PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A	AA	34,426	02/18/1862	G.W. Howard	—	—	
	AB	389,615	09/18/1888	T.F. Townsend	—	—	
	AC	1,723,307	08/06/1929	H.E. Sipe	—	—	
	AD	1,921,015	08/08/1933	J.M. Young	—	—	
	AE	2,065,480	12/22/1936	C.C. Soper	—	—	
	AF	2,371,404	03/13/1945	I.R.J. Mumford	—	—	
	AG	2,391,926	01/01/1946	W.E. Scott	—	—	
	AH	2,492,699	12/27/1949	R. Houwink	—	—	
	AI	2,685,964	08/10/1954	R.W. Brown	—	—	
	AJ	2,724,358	11/22/1955	L.B. Harris et al.	—	—	
	AK	2,725,027	11/29/1955	C.W. Brandon et al.	—	—	AUG 20 2002

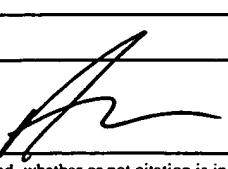
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
A	AL	EP 0 134 706 A	03/20/1985	Europe	—	—		
	AM	EP 0 710 736 A1	11/02/1994	Europe	—	—		
	AN	EP 0 862 870 A	09/09/1998	Europe	—	—		
	AO	EP 0 832 032 B1	04/14/1999	Europe	—	—		
↓	AP	GB 824 984 A	12/09/1959	Great Britain	—	—		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

A	AQ	<i>McGraw-Hill Encyclopedia of Science and Technology, 6th Edition, 1987, McGraw-Hill Book Company, New York</i> XP00220369918, pages 247-248 Paragraph 4; figures 6-8
	AR	"3-D Braided Composites - Design and Applications" by D. Brookstein, 6 th European Conference on Composite Materials, September 1993, pp. 225-230.
	AS	Pages from web site of Bradley Textiles, Inc.
↓	AT	International Search Report issued by European Patent Office on July 9, 2002 for PCT/US02/10694 filed April 5, 2002.
	AU	
	AV	

EXAMINER	DATE CONSIDERED
<i>A</i>	<i>11/18/03</i>

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO.	SERIAL NO.		
				930007-2179	09/923,936		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT			
				Eric Romanski et al.			
				FILING DATE	GROUP		
				August 7, 2001	3765		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	AA	2,794,192	06/04/1957	T. Paris	—	—	
	AB	2,854,049	09/30/1958	S.S. Wyllie	—	—	
	AC	2,968,272	01/17/1961	U.E.A. Berglund	—	—	
	AD	2,979,008	04/11/1961	W. Whipple	—		RECEIVED
	AE	2,997,973	08/29/1961	W.R. Hawthorne et al.	—		
	AF	2,998,793	09/05/1961	W.R. Hawthorne et al.	—		AUG 20 2002
	AG	3,001,501	09/26/1961	W.R. Hawthorne et al.	—	—	
	AH	3,018,748	01/30/1962	L. Denis et al.	—		TECHNOLOGY CENTER R3700
	AI	3,056,373	10/02/1962	W.R. Hawthorne et al.	—	—	
	AJ	3,067,712	12/11/1962	E.H. Koerpinghaus	—	—	
AR	AK	3,150,627	09/29/1964	R.M. Stewart et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
AR	AL	GB 826 301 A	12/31/1959	Great Britain	—	—	
	AM	GB 933 889 A	08/14/1963	Great Britain	—	—	
	AN	DE 198 21 465 A	11/18/1999	Germany	—	—	X
	AO	JP 60 219243 A	11/01/1985	Japan	—	—	X
AR	AP	WO 97/49541	12/31/1997	WIPO	—	—	
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
EXAMINER				DATE CONSIDERED			
				11/18/03			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 930007-2179	SERIAL NO. 09/923,936		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Eric Romanski et al.			
AUG 19 2002 PATENT & TRADEMARK OFFICE 001				FILING DATE August 7, 2001	GROUP 3765		
U. S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		3,167,103	01/26/1965	W.R. Hawthorne et al.	—	—	
AB		3,224,403	12/21/1965	A.L. Paddington	—	—	
AC		3,282,361	11/01/1966	H.A. Mackie	—	—	
AD		3,289,721	12/06/1966	Benson	—	—	
AE		3,296,994	01/10/1967	J.F. Schirtzinger	—	—	
AF		3,502,046	03/24/1970	H.J. Stauber	—	—	
AG		3,622,437	11/23/1971	Hobaica et al.	—	—	AUG 20 2002
AH		3,661,693	05/09/1972	Pierson	—	—	TECHNOLOGY CENTER B3700
AI		3,672,319	06/27/1972	Platzer	—	—	
AJ		3,739,410	06/19/1973	Fortin	—	—	
AK		3,774,563	11/27/1973	Anderson, Sr. et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
AL		WO 98/01359 A	01/15/1998	WIPO	—	—	
AM		WO 97/14622 A	04/27/1997	WIPO	—	—	
AN							
AO							
AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
EXAMINER				DATE CONSIDERED 11/18/03			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

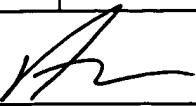
Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 930007-2179	SERIAL NO. 09/923,936		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT			
				Eric Romanski et al.			
				FILING DATE August 7, 2001	GROUP 3765		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	AA	3,779,196	12/18/1973	Knaus et al.	—	—	
	AB	3,797,445	03/19/1974	Zeimer	—	—	
	AC	3,812,805	05/28/1974	Forssell et al.	—	—	
	AD	3,839,977	10/08/1974	Bradberry	—	—	
	AE	3,952,679	04/27/1976	Grihangne	—	RECEIVED	
	AF	3,955,524	05/11/1976	Renoux	—	—	
	AG	3,974,789	08/17/1976	DeGroot	—	AUG 20 2002	
	AH	4,108,101	08/22/1978	Schirtzinger	—	TECHNOLOGY CENTER R3700	
	AI	4,227,474	10/14/1980	Ullrich	—	—	
	AJ	4,227,477	10/14/1980	Preus	—	—	
	AK	4,227,478	10/14/1980	Preus	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
AL							
AM							
AN							
AO							
AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
EXAMINER				DATE CONSIDERED			
<p style="text-align: center;"><i>[Signature]</i></p> <p style="text-align: right;">11/18/03</p>							
<p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 930007-2179	SERIAL NO. 09/923,936		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT			
				Eric Romanski et al.			
AUG 19 2002 PATENT & TRADEMARK OFFICE				FILING DATE August 7, 2001	GROUP 3765		
				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h	AA	4,230,061	10/28/1980	Roberts	—	—	
	AB	4,373,462	02/15/1983	Fish	—	—	
	AC	4,399,765	08/23/1983	Alkner et al.	—	—	
	AD	4,506,623	03/26/1985	Roper et al.	—	—	
	AE	4,509,558	04/09/1985	Slater	—	—	RECEIVED
	AF	4,510,201	04/09/1985	Takeuchi et al.	—	—	
	AG	4,582,756	04/15/1986	Niinuma et al.	—	AUG 20 2002	
	AH	4,726,986	02/23/1988	Cannady, Jr. et al.	TECHNOLOGY CENTER R3700		
	AI	4,933,231	06/12/1990	Seber	—	—	
	AJ	4,998,498	03/12/1991	Gallichan	—	—	
↓	AK	5,082,726	01/21/1992	Bastiaens et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
							NO
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
EXAMINER				DATE CONSIDERED			
<i>h</i>				11/18/03			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 930007-2179	SERIAL NO. 09/923,936		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Eric Romanski et al.			
				FILING DATE August 7, 2001	GROUP 3765		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	AA	5,194,459	03/16/1993	Sato et al.	—	—	
	AB	5,203,272	04/20/1993	Kassinger et al.	—	—	
	AC	5,235,928	08/17/1993	Shank, Jr.	—	—	
	AD	5,243,925	09/14/1993	Fortenberry	—		RECEIVED
	AE	5,262,230	11/16/1993	Becker et al.	—		
	AF	5,355,819	10/18/1994	Hsia et al.	—		— AUG 20 2002
	AG	5,360,656	11/01/1994	Rexfelt et al.	—		TECHNOLOGY CENTER B3700
	AH	5,391,424	02/21/1995	Kolzer	—	—	
	AI	5,413,065	05/09/1995	Spragg et al.	—	—	
	AJ	5,421,128	06/06/1995	Sharpless et al.	—	—	
	AK	5,431,970	07/11/1995	Broun et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
EXAMINER				DATE CONSIDERED 10/18/03			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 930007-2179	SERIAL NO. 09/923,936		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Eric Romanski et al.			
				FILING DATE August 7, 2001	GROUP 3765		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		5,482,763	01/09/1996	Shaffer	—	—	
AB		5,488,921	02/06/1996	Spragg	—	—	
AC		5,503,291	04/02/1996	Craig	—	—	
AD		5,505,557	04/09/1996	Bradley	—	—	
AE		5,544,612	08/13/1996	Eymard	—	—	
AF		5,657,714	08/19/1997	Hsia et al.	—	RECEIVED	
AG		5,691,390	11/25/1997	Harrison et al.	—	AUG 20 2002	
AH		5,713,399	02/03/1998	Collette et al.	—		
AI		5,735,083	04/07/1998	Brown et al.	—	TECHNOLOGY CENTER R3700	
AJ		5,780,144	07/14/1998	Bradley	—	—	
AK		5,790,304	08/04/1998	Sanders et al.	—	—	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	/ TRANSLATION YES NO
AL							
AM							
AN							
AO							
AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
AQ							
AR							
AS							
AT							
AU							
AV							
EXAMINER				DATE CONSIDERED 10/18/03			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 930007-2179	SERIAL NO. 09/923,936		
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Eric Romanski et al.			
				FILING DATE August 7, 2001	GROUP 3765		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA		5,865,045	02/02/1999	Wagner et al.	—	—	
AB		5,902,070	05/11/1999	Bradley	—	—	
AC		5,921,421	07/13/1999	Fuquan	—	—	
AD		5,951,345	09/14/1999	Perratone et al.	—	—	
AE		6,003,565	12/21/1999	Whittier, II et al.	—	—	RECEIVED
AF		6,047,655	04/11/2000	Cran	—	—	AUG 20 2002
AG		6,056,438	05/02/2000	Bradley	—	—	
AH		6,086,968	07/11/2000	Horovitz	—	—	TECHNOLOGY CENTER R3700
AI		6,101,964	08/15/2000	Lesesne	—	—	
AJ							
AK							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
AL							
AM							
AN							
AO							
AP							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
AQ							
AR							
AS							
AT							
AU							
AV							
EXAMINER				DATE CONSIDERED 11/18/03			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Based on Form PTO-1449 (3/90) OCT 8 8 2002 O I P E C C I O PATENT & TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)			ATTY. DOCKET NO.		SERIAL NO.		
			930007-2179		09/923,936		
			APPLICANT				
			Eric Romanski et al.				
			FILING DATE		GROUP		
			August 7, 2001		3765		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Ar	AA	4,016,326	04/05/1977	Schaefer	—	—	
	AB	4,226,906	10/07/1980	Jacob	—	—	
	AC	4,983,433	01/08/1991	Shirasaki	—	—	
	AD	5,395,682	03/07/1995	Holland et al.	—	—	
	AE	5,512,356	04/30/1996	Haager	—	—	
	AF	5,766,391	06/16/1998	Fletcher	—	—	
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ		International Search Report issued by European Patent Office for corresponding international application PCT/US02/10585, mailed 09/27/2002				
	AR						
	AS						
	AT						
	AU						
	AV						
EXAMINER				DATE CONSIDERED			
				11/18/03			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

SECOND SUPPLEMENTAL FORM 1449

Sheet 1 of 1

Based on Form PTO-1449
(3/90)

ATTY. DOCKET NO.

930007-2179

SERIAL NO.

09/923,936

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Eric Romanski et al.

FILING DATE

August 7, 2001

GROUP

RECEIVED
OCT 21 2002
TECHNOLOGY CENTER
4320

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL	GB 1,117,552	06/19/1968	Great Britain	—	—		
AM	GB 1,117,553	06/19/1968	Great Britain	—	—		
AN	FR 2,595,621	09/18/1987	France	—	—		x
AO							
AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ		International Search Report issued by European Patent Office for corresponding international application PCT/US02/10586 mailed 09/26/2002
AR		
AS		
AT		
AU		
AV		

EXAMINER

DATE CONSIDERED

11/18/03

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-1449 (3/90)				ATTY. DOCKET NO. 930007-2179	SERIAL NO. 09/923,936		
O I P E LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) APR 11 2003 P A T E N T & T R A D E M A R K S O C I E T Y				APPLICANT Eric Romanski et al.			
				FILING DATE August 7, 2001	GROUP 3765		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,762,108	10/02/1973	R. Pierson			
	AB	4,662,386	12/18/1973	Kristen I. Pedersen			
	AC	4,910,817	03/27/1990	Kita Tetsuo			
	AD	4,948 658	08/14/1990	Helmut Haelker			
	AE	5,238,537	08/24/1993	William H. Dutt			MAY 30 2003
	AF	6,290,818	09/18/2001	Eric R. Romanski			
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	AL	EP 0 687 625	12/20/1995	Europe			
	AM	FR 2 325 837	04/22/1977	France			
	AN	GB 1 079 766	08/16/1967	Great Britain			
	AO	GB 907 266	10/3/1962	Great Britain			
	AP	WO 01 63033	8/30/2001	WIPO			
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ		International Search Report issued by the European Patent Office on February 06, 2003 for PCT/US02/34299				
	AR		International Search Report issued by the European Patent Office on February 10, 2003 for PCT/US02/34052				
	AS		International Search Report issued by the European Patent Office on March 12, 2003 for PCT/US02/34004				
	AT						
	AU						
	AV						
EXAMINER				DATE CONSIDERED TECHNOLOGY CENTER R3700			

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.